U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTORNEYS DOCKET NO. FORM PTO-1390 (REV 10-2003) 5252SNU-1 TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 35 CFR 1.5) DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. PCT/KR01/02304 December 29, 2001 TITLE OF INVENTION "GFP-TRANSFECTED CLON PIG, GT KNOCK-OUT CLON PIG AND METHODS FOR PRODUCTIONS THEREOF" APPLICANT(S) FOR DO/EO/US HWANG, Woo Suk; LEE, Byeong Chun; KANG, Sung Keun; HAN, Jae Yong; LIM Jeong Mook; LEE, Chang Kyu; LEE, Eun Song; JEUNG, Eui Bae; CHO, Jong Ki; KIM, Dae Young; HYUN, Sang Hwan; LEE, Gab Sang; KIM, Hye Soo; LEE, So Hyun; LEE, Sung Chul; and YEOM, Su Chung; Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 2. This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) 3. [X] and (21) indicated below. 4. The US has been elected (Article 31). [X] 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau [] is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). [X] ſXì is attached hereto. a. has been previously submitted under 35 U.S.C. 154(d)(4). [X] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. b. [] have not been made; however, the time limit for making such amendments has NOT expired. ¢. [] have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). A English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 10. U.S.C. 371(c)(5)). Items 11 To 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 12. 13. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. 14. A substitute specification. 15. A power of attorney and/or change of address letter. 16. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. 17. A second copy of the published international application under 35 U.S.C. 154(d)(4). 18. A second copy of the English language translation of the international application under 35 U.S.C. 1.54(d)(4). 19. Other items or information: 7 REFERENCES

U.S. APPLICATION NO. (If known, see 37-CFR)1.51.48		INTERNATIONAL APPLICATION NO. PCT/KR01/02304			ATTORNEY'S DOCKET NUMBER 5252SNU-1	
21. [X] The following fees are submitted:				CALCULATIONS	PTO USE ONLY	
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):						
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO and International Search Report not prepared by the EPO or JPO						
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO						
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO						
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33 (1)-(4)						·
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)						
ENTER APPROPRIATE BASIC FEE AMOUNT =					\$ 1,080.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					\$	
CLAIMS	NUMBER FILED		NUMBER EXTRA	RATE		
Total Claims	13	- 20 =	0	x \$18.00	\$ 0.00	
Independent Claims	3	- 3 =	0	x \$86.00	\$ 0.00	
MULTIPLE DEPEND	ENT CLAIMS(S) (if application			+ \$290.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,080.00		
[] Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					\$	
SUBTOTAL =				\$ 1,080.00		
Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					\$	
TOTAL NATIONAL FEE =					\$	
Fee. for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property					\$	
TOTAL FEES ENCLOSED =					\$ 1,080.00	
				Amount to be: refunded	\$	
					charged	\$
a. [X] A check in the amount of \$1,080.00 to cover the above fees is enclosed.						
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-1970. A duplicate copy of this sheet is enclosed.						
d. [] Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.						
SEND ALL CORRESPONDENCE TO:						
SHERIDAN ROSS P.C. LOBERT D. VALLE						
1560 Broadway, Suite 1200 SIGNATURE						
Denver, Colorado 80202-514 Telephone: (303) 863-9700	•1		Dahart D. T			
Facsimile: (303) 863-9700		Robert D. Traver				

CUSTOMER NO. 22442

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Robert D. Traver Registration No. 47,999

10/500748 DT: C'd PCT/PTO 29 JUN 2004

"EXPRESS MAIL" MAILING LABEL NUMBER: EV331289682US DATE OF DEPOSIT:
I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO BOX PCT, COMMISSIONER
FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450. TYPED OR PRINTED NAME: JANICE MESSER
SIGNATURE: Mese Messe
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